Amendments to the Specification:

Please replace the paragraph beginning at p. 3, line 13, with the following rewritten paragraph:

- - Figure 7 depicts a preferred embodiment of the invention utilizing a poly(A)-poly(T) capture to remove unhybridized probes and targets. Target sequence 5 comprising a poly(A) sequence 6 is hybridized to target probe 115 comprising a target specific sequence 70, an adapter ~~seqeuence~~ sequence 20, an ~~unstream~~ upstream universal priming site 25, [and] a downstream universal priming site 26 and an optional label 30. The resulting hybridization complex is contacted with a bead 51 comprising a linker 55 and a poly(T) capture probe 61.- -.

Please replace the paragraph beginning at p. 3, line 18, with the following rewritten paragraph:

- -Figure 8 depicts a preferred embodiment of removing non-hybridized target probes, utilizing an OLA format. Target 5 is hybridized to a first ligation probe 100 comprising a first target specific sequence 15, ~~detection position 10,~~ an adapter ~~seqeuence~~ sequence 20, an ~~unstream~~ upstream universal priming site 25, and an optional label 30, and a second ligation probe 110 comprising a second target specific sequence 16, a downstream universal priming site 26, and a nuclease inhibitor 35. After ligation, denaturation of the hybridization complex and addition of an exonuclease, the ligated target probe115 and the second ligation probe 110 is all that is left. The addition of this to an array (in this embodiment, a bead array comprising substrate 40, bead 50 with linker 55 and capture probe 60 that is substantially complementary to the adapter sequence 20), followed by washing away of the second ligation probe 110 results in a detectable complex.- -.

Please replace the paragraph beginning at p. 3, line 28, with the following rewritten paragraph:

- -Figure 9 depicts a preferred rolling circle embodiment utilizing two ligation probes. Target 5 is hybridized to a first ligation probe 100 comprising a first target specific sequence 15, ~~detection position 10,~~ an adapter ~~seqeuence~~ sequence 20, an ~~unstream~~ upstream universal priming site 25, an adapter sequence 20 and a RCA primer sequence 120, and a second ligation probe 110 comprising a second target specific sequence 16 and a downstream universal priming site 26. Following ligation, an RCA sequence 130 is added, comprising a first universal primer 27 and a second universal primer 28. The priming sites hybridize to the primers and ligation occurs, forming a circular probe. The RCA sequence 130 serves as the RCA primer for subsequent amplification. An optional restriction endonuclease site is not shown.- -.

Please replace the paragraph beginning at p. 4, line 9, with the following rewritten paragraph:

- -Figure 10 depicts preferred a rolling circle embodiment utilizing a single target probe. Target 5 is hybridized to a target probe 115 comprising a first target specific sequence 15, ~~detection position 10,~~ an adapter sequence 20, ~~an upstream universal priming site 25,~~ a RCA priming site 140, optional label sequence 150 and a second target specific sequence 16. Following ligation, denaturation, and the addition of the RCA primer and extension by a polymerase, amplicons are generated. An optional restriction endonuclease site is not shown. -.-.